

FIG. 2

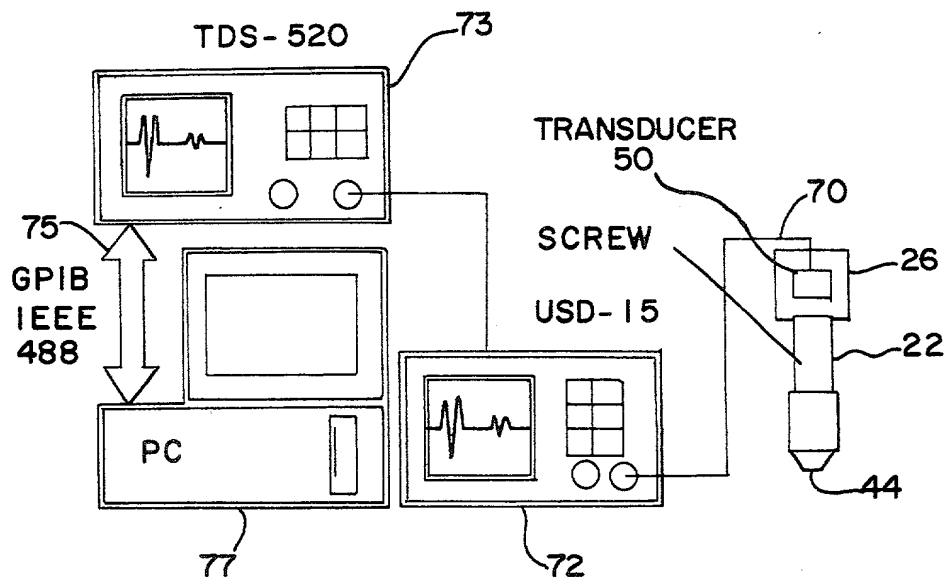


FIG. 3

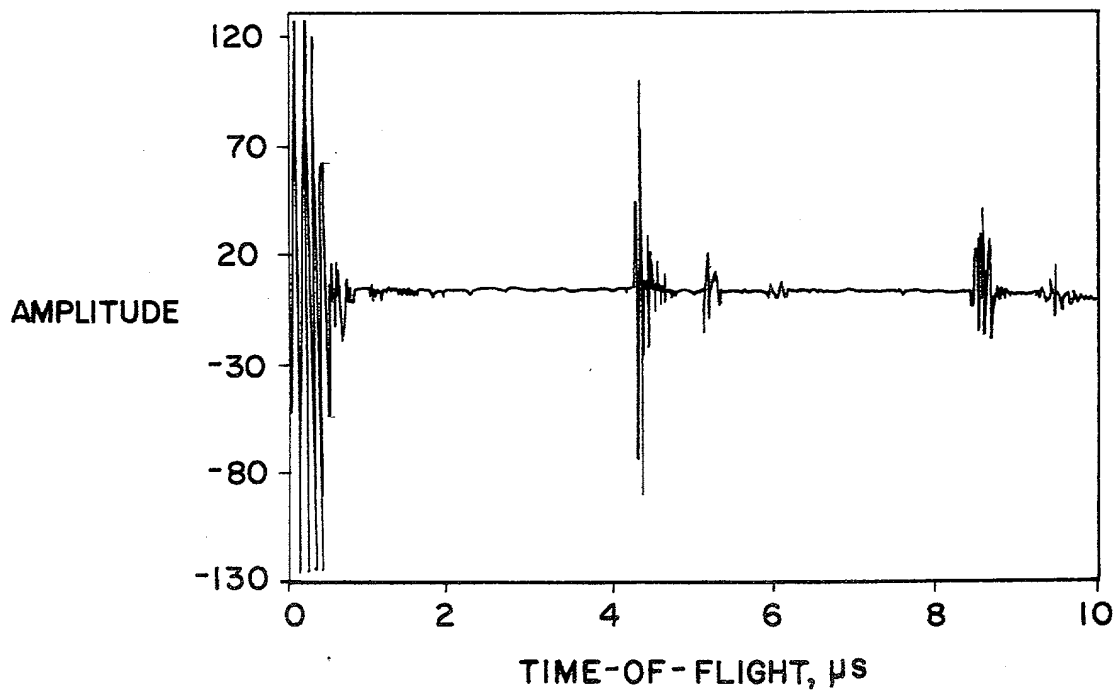


FIG. 4

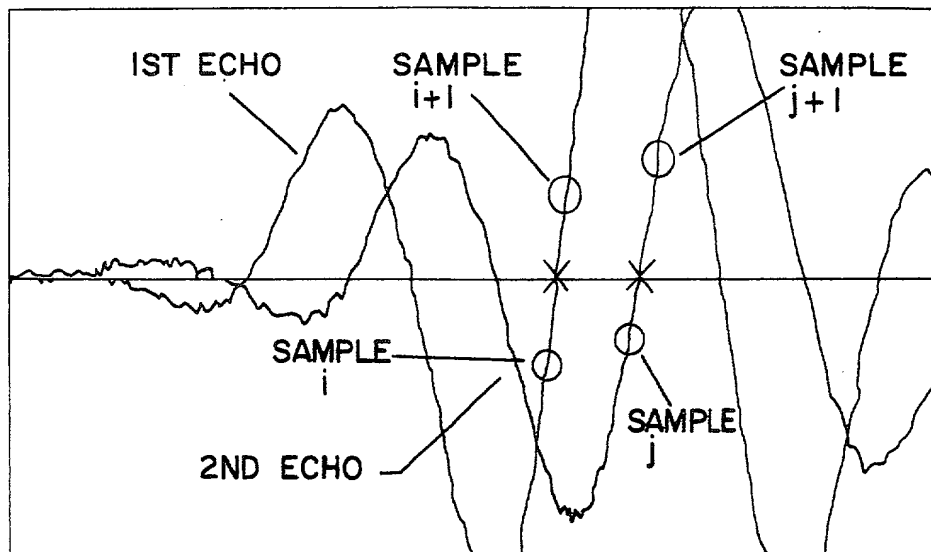
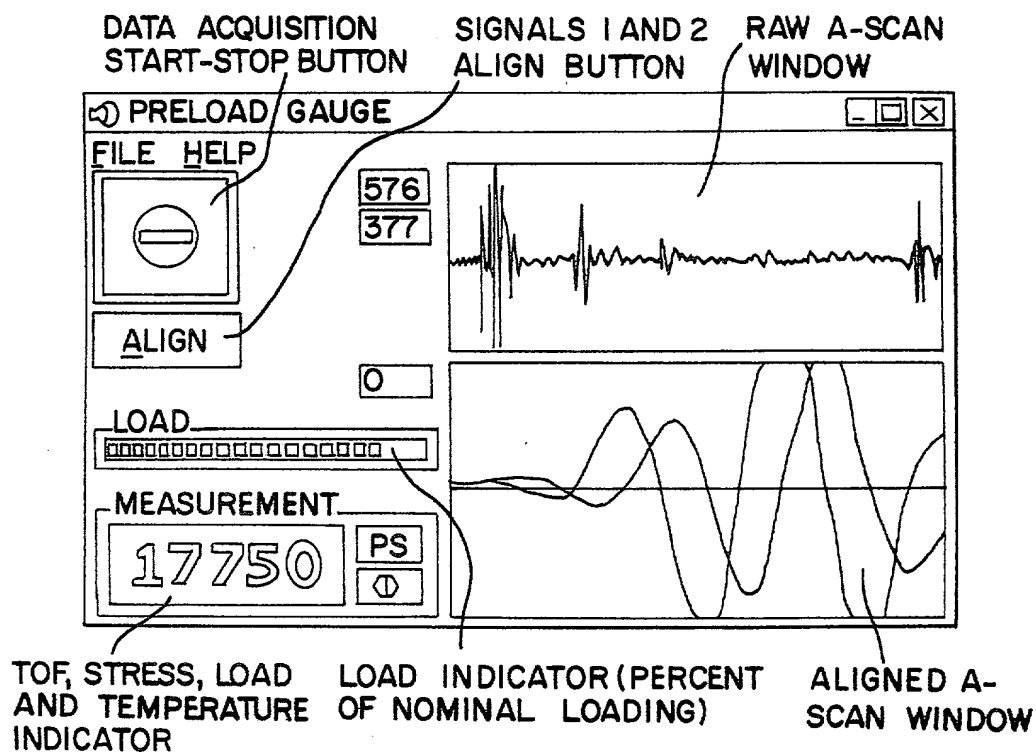


FIG. 5



## FIG. 6

WINDOW	FUNCTION
<div> <div>GAUGE CONFIGURATION <input checked="" type="checkbox"/></div> <div>C:\CONFIG_STRAIN.GAG</div> <div> <div>N SAMPLES</div> <div>5000</div> </div> <div> <div>N FRAMES</div> <div>1</div> </div> <div> <div>N LEVELS</div> <div>255</div> </div> <div> <div>CANCEL</div> <div>OK</div> </div> </div>	<p><u>GAUGE CONFIGURATION:</u></p> <p>SPECIFIES NUMBER OF SAMPLES AND NAME OF CONFIGURATION FILE          N SAMPLES CAN BE ANY OF TDS520 ACQUISITION LENGTHS.          N FRAMES MUST BE 1 (N SAMPLES&gt;1 IS USED ONLY FOR FASTFRAME MODE N/A)</p>
<div> <div>MEASUREMENT DIALOG <input checked="" type="checkbox"/></div> <div> <div>DEGREE/NS</div> <div>1</div> </div> <div> <div>NEWTON/NS</div> <div>1</div> </div> <div> <div>UNITS</div> <div>PS</div> </div> <div> <div>PRECISION</div> <div>0</div> </div> <div> <div>CROSS AREA</div> <div>0</div> </div> <div> <div>MAX LOAD</div> <div>0</div> </div> <div> <div>OK</div> <div>CANCEL</div> </div> </div>	<p><u>MEASUREMENT SETTINGS:</u></p> <p>SPECIFIES COEFFICIENTS FOR STRAIN, TEMPERATURE, FORCE MEASUREMENT, PRECISION, MAXIMUM LOAD AND CROSS AREA OF THE SCREW DEGREE/NS - COEFFICIENT FOR TEMPERATURE NEWTONS/NS - COEFFICIENT FOR FORCE          UNITS-ONE OF THE FOLLOWING (PS, NS, N, MPa, DEGREE)          PRECISION-NUMBER OF SIGNIFICANT DIGITS AFTER DECIMAL POINT. (DEFAULT 2)          CROSS AREA OF THE SCREW IN mm<sup>2</sup> (DEFAULT 2.137)          MAX LOAD IS MAXIMUM TOF DEVIATION IN NANOSECONDS ALLOWED</p>

FIG. 7

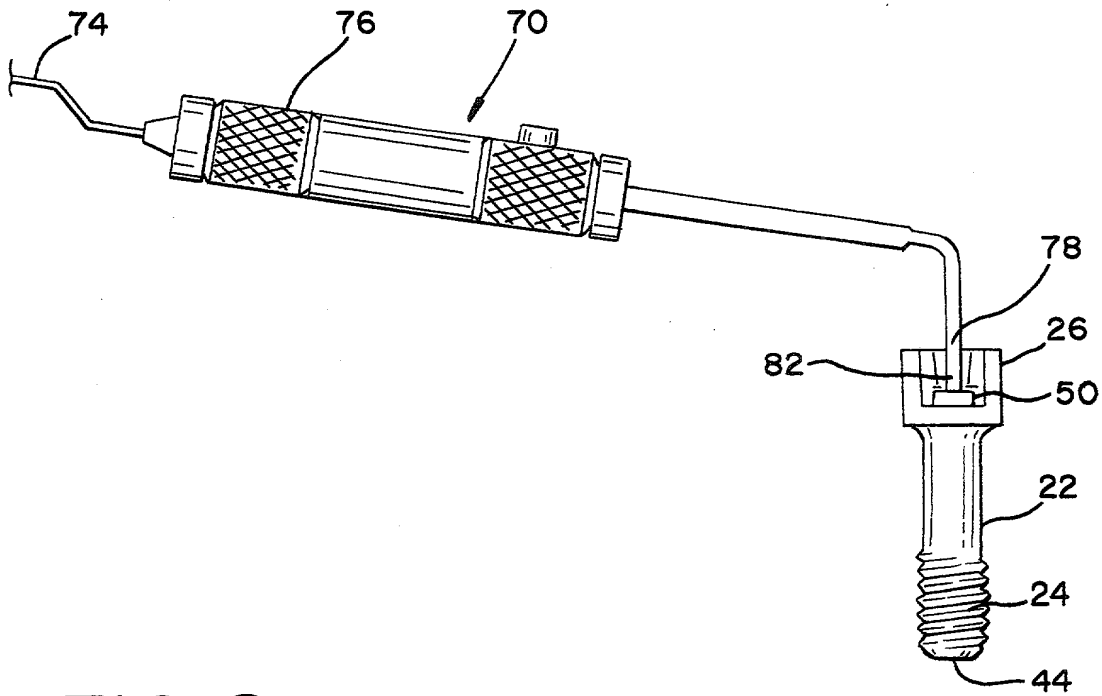


FIG. 8

